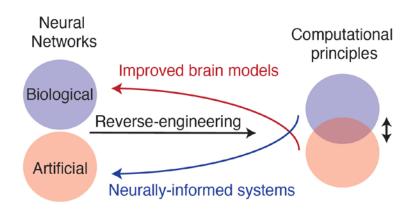


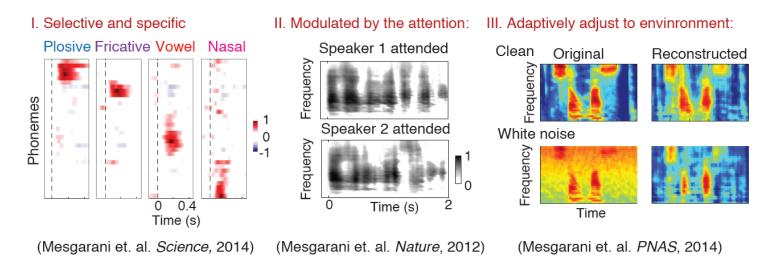
- Organizations:
 - Columbia University in the City of New York
 - University of Maryland College Park
- Lead Investigators:
 - Prof. Nima Mesgarani & Shihab Shamma



 Integrating computational principles of biological and artificial neural networks:



Combining invasive human studies and computational modeling





- Expertise and qualifications:
 - Speech and audio signal processing
 - Computational modeling
 - Animal single neuron electrophysiology
 - Human invasive and noninvasive recording
- Successful record of biologically-informed models in speech processing applications (IARPA BEST, DARPA RATS)



- We seek to join groups with the following expertise:
 - Access to computational resources and large amount of training data
 - Expertise in systems integration and algorithm development



Contact Information

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